

**FIRST SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/766,528
Filing Date	January 29, 2004
First Named Inventor	SALZWEDEL, Karl
Art Unit	1648
Examiner Name	HUMPHREY, Louise Wang Zhiying
Attorney Docket Number	1900.0430002/JMC/HCC

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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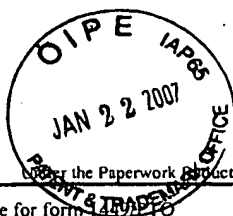
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Substitute for form 1490PTO		Complete if Known			
FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/766,528		
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		Examiner Name	HUMPHREY, Louise Wang Zhiying		
Sheet	1	of	2	Attorney Docket Number	1900.0430002/JMC/HCC

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
L.H.	NPL1	Accola, M.A., <i>et al.</i> , "Efficient Particle Production by Minimal Gag Constructs Which Retain the Carboxy-Terminal Domain of Human Immunodeficiency Virus Type 1 Capsid-p2 and a Late Assembly Domain," <i>J. Virol.</i> 74:5395-5402, American Society for Microbiology (2000)	
	NPL2	Adamson, C.S., <i>et al.</i> , "In Vitro Resistance to the Human Immunodeficiency Virus Type 1 Maturation Inhibitor PA-457 (Bevirimat)," <i>J. Virol.</i> , published online, doi:10.1128/JVI.01369-06, 47 pages, American Society for Microbiology (September 2006)	
	NPL3	Kanamoto, T., <i>et al.</i> , "Anti-Human Immunodeficiency Virus Activity of YK-FH312 (a Betulinic Acid Derivative), a Novel Compound Blocking Viral Maturation," <i>Antimicrob. Agents Chemother.</i> 45:1225-1230, American Society for Microbiology (2001)	
	NPL4	Kashiwada, Y., <i>et al.</i> , "3,28-Di-O-(dimethylsuccinyl)-betulin Isomers as Anti-HIV Agents," <i>Bioorg. Med. Chem. Lett.</i> 11:183-185, Pergamon Press (2001)	
	NPL5	Li, F., <i>et al.</i> , "PA-457: A potent HIV inhibitor that disrupts core condensation by targeting a late step in Gag processing," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 100:13555-13560, National Academy of Sciences (November 2003)	
	NPL6	Li, F., <i>et al.</i> , "Determinants of activity of the HIV-1 maturation inhibitor PA-457," <i>Virology</i> , published online, doi:10.1016/j.virol.2006.07.023, 8 pages, Academic Press (December 2006)	
	NPL7	Liang, C., <i>et al.</i> , "Characterization of a Putative α -Helix across the Capsid-SP1 Boundary That Is Critical for the Multimerization of Human Immunodeficiency Virus Type 1 Gag," <i>J. Virol.</i> 76:11729-11737, American Society for Microbiology (November 2002)	
	NPL8	Morellet, N., <i>et al.</i> , "Helical structure determined by NMR of the HIV-1 (345-392) Gag sequence, surrounding p2: Implications for particle assembly and RNA packaging," <i>Protein Sci.</i> 14:375-386, Cold Spring Harbor Laboratory Press (February 2005)	
	NPL9	Pettit, S.C., <i>et al.</i> , "Replacement of the P1 Amino Acid of Human Immunodeficiency Virus Type 1 Gag Processing Sites Can Inhibit or Enhance the Rate of Cleavage by the Viral Protease," <i>J. Virol.</i> 76:10226-10233, American Society for Microbiology (October 2002)	
↓	NPL10	Sakalian, M., <i>et al.</i> , "3-O-(3', 3' -Dimethylsuccinyl) Betulinic Acid Inhibits Maturation of the Human Immunodeficiency virus Type 1 Gag Precursor Assembled In Vitro," <i>J. Virol.</i> 80:5716-5722, American Society for Microbiology (June 2006)	

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Substitute for form 1449/PTO				Complete if Known	
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				Art Unit	1648
				Examiner Name	HUMPHREY, Louise Wang Zhiying
Sheet	2	of	2	Attorney Docket Number	1900.0430002/JMC/HCC

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L.H.	NPL11	Schinazi, R.F., <i>et al.</i> , "Mutations in retroviral genes associated with drug resistance," in <i>International Antiviral News</i> 496:95-107, International Medical Press (1996)	
	NPL12	von Schwedler, U.K., <i>et al.</i> , "Functional Surfaces of the Human Immunodeficiency Virus Type 1 Capsid Protein," <i>J. Virol.</i> 77:5439-5450, American Society for Microbiology (May 2003)	
	NPL13	Wieggers, K., <i>et al.</i> , "Sequential Steps in Human Immunodeficiency Virus Particle Maturation Revealed by Alterations of Individual Gag Polyprotein Cleavage Sites," <i>J. Virol.</i> 72:2846-2854, American Society for Microbiology (1998)	
	NPL14	Zhou, J., <i>et al.</i> , "Small-Molecule Inhibition of Human Immunodeficiency Virus Type 1 Replication by Specific Targeting of the Final Step of Virion Maturation," <i>J. Virol.</i> 78:922-929, American Society for Microbiology (January 2004)	
	NPL15	Zhou, J., <i>et al.</i> , "The sequence of the CA-SP1 junction accounts for the differential sensitivity of HIV-1 and SIV to the small molecule maturation inhibitor 3-O-{3',3'-dimethylsuccinyl}-betulinic acid," <i>Retrovirology</i> 1:15, published on-line, doi:10.1186/1742-4690-1-15, 25 pages, BioMed Central (June 2004)	
	NPL16	Zhou, J., <i>et al.</i> , "The Specificity of the Small-Molecule Maturation Inhibitor 3-O-{3',3'-Dimethylsuccinyl}-Betulinic Acid for HIV-1 is Determined by the Sequence of the CA-SP1 Junction of GAG," poster 26, presented at the Fifth HIV DRP Symposium: Antiviral Drug Resistance, Chantilly, VA (November 2004)	
	NPL17	Zhou, J., <i>et al.</i> , "Inhibition of HIV-1 Maturation via Drug Association with the Viral Gag Protein in Immature HIV-1 Particles," <i>J. Biol. Chem.</i> 280:42149-42155, American Society for Biochemistry and Molecular Biology (December 2005)	
	NPL18	Zhou, J., <i>et al.</i> , "HIV-1 Resistance to the Small Molecule Maturation Inhibitor 3-O-{3',3'-dimethylsuccinyl}-betulinic acid is Conferred by a Variety of Single Amino Acid Substitutions at the CA-SP1 Cleavage Site in Gag," <i>J. Virol.</i> , published online, doi:10.1128/JVI.01626-06, 17 pages, American Society for Microbiology (October 2006)	
↓	NPL19	U.S. National Phase Patent Application No. 11/597,431, Salzweidel <i>et al.</i> , international filing date of May 24, 2005 (NOT PUBLISHED)	

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